

# STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>Operator: AMEREN ILLINOIS COMPANY</b>	Operator ID#: 32513
<b>Inspection Date(s): 11/10/2015, 11/12/2015, 11/13/2015</b>	Man Days: 5
<b>Inspection Unit: Jacksonville</b>	
<b>Location of Audit: Jacksonville</b>	
<b>Exit Meeting Contact: Chris Juliusson</b>	
<b>Inspection Type: Standard Inspection - Record Audit</b>	
<b>Pipeline Safety Representative(s): Jim Watts, Bryan Pemble</b>	
<b>Company Representative to Receive Report: Michael Fuller</b>	
<b>Company Representative's Email Address: mfuller2@ameren.com</b>	

<b>Headquarters Address Information:</b>	300 Liberty Peoria, IL 61602 Emergency Phone#: (800) 755-5000 Fax#:	
<b>Official or Mayor's Name:</b>	Ron Pate Phone#: (217) 424-6518 Email:	
<b>Inspection Contact(s)</b>	<b>Title</b>	<b>Phone No.</b>
John Bozarth	Manager Gas Compliance and Training	(217) 625-6854
Chris Juliusson	Quality Assurance Consultant	

Gas System Operations	Status
Gas Transporter	<b>Panhandle Eastern and ANR</b>
Annual Report (Form 7100.1-1) reviewed for the year:	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>The Annual DOT Report review is conducted at the Ameren Illinois Training Center in Pawnee, Illinois. This was not reviewed during this audit.</i>	
Unaccounted for Gas	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Unaccounted for Gas is reviewed during the Annual DOT Report review conducted at the Ameren Illinois Training Center in Pawnee, Illinois.</i>	
Number of Services	<b>Not Checked</b>

# STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b><u>General Comment:</u></b>		
<i>This is reviewed during the annual report review conducted at the Ameren Illinois Training Center located in Pawnee, Illinois. This was last reviewed in February 2014.</i>		
Miles of Main	<b>Not Checked</b>	
<b><u>General Comment:</u></b>		
<i>This is reviewed during the annual report review conducted at the Ameren Illinois Training Center located in Pawnee, Illinois. This was last reviewed in February 2014.</i>		
Is the operator maintaining documentation verifying their Maximum Allowable Operating Pressure(s)? (MAOP)	<b>Satisfactory</b>	
<b><u>General Comment:</u></b>		
<i>System MAOP's are recorded in the Pressure Regulating section of GCS and the MAOP records are retained by the engineering departments within Ameren Illinois.</i>		
Operating Pressure (Feeder)	<b>250</b>	
Operating Pressure (Town)	<b>0.4, 5, 8.5, 20,25, 35, 42,45, 50</b>	
Operating Pressure (Other)	<b>Not Applicable</b>	
<b><u>General Comment:</u></b>		
<i>There are no other types of systems.</i>		
MAOP (Feeder)	<b>300</b>	
MAOP (Town)	<b>1, 10, 55, 60</b>	
MAOP (Other)	<b>Not Applicable</b>	
<b><u>General Comment:</u></b>		
<i>There are no other types of systems.</i>		
Does the operator have any transmission pipelines?	<b>No</b>	
<b><u>General Comment:</u></b>		
<i>There is no transmission piping in the Jacksonville Service Area.</i>		
<b>Regulatory Reporting Records</b>		<b>Status</b>
[191.5]	Were Telephonic Notices of Incidents reported to the NRC (800-424-8802)?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>There were no reportable incidents in the Jacksonville Service Area in 2013-2014.</i>		
[191.9(a)]	Was a DOT Incident Report Form F7100.1 submitted within 30 days after detection of an incident?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		

# STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<i>There were no reportable incidents in the Jacksonville Service Area in 2013-2014.</i>		
[191.9(b)]	Were any supplemental incident reports submitted when deemed necessary?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>Due to no reportable incidents occurring no supplemental reports were required.</i>		
Did the operator have any plastic pipe failures in the past calendar year?		<b>Yes</b>
<b><u>General Comment:</u></b> <i>There was an issue with pinholes in a 1/2 inch plastic pe service line piping identified in 2015. This was sent to their gas materials specialist for further review. The piping was then sent to GTI for further analysis.</i>		
Did the operator take action to mitigate safety concerns relating to the failure of the PE or pipeline components?		<b>Yes</b>
<b><u>General Comment:</u></b> <i>There were no plastic failures identified in 2013 or 2014 that required reporting. In March of 2015 a section of Aldyl A service line was replaced due to leakage and the suspect material was sent to their Materials Failure Department at Ameren for further review. The piping was sent to GTI for further analysis and identified the pinholes were a result of static discharge.</i>		
[191.23(a)]	Did the operator report Safety Related Conditions?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>There were no Safety Related Conditions to report in 2013-2014.</i>		
[191.25]	Did the Operator file a Safety Related Condition Report within 5 working days of determination, but not later than 10 working days after discovery?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>There were no Safety Related Conditions to report in 2013-2014.</i>		
[192.16(c)]	Customer Notification: Has the operator notified each new customer within 90 days about the customer's responsibility regarding buried piping, however, operators of a master meter may continuously post a general notice in a permanent location?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>This requirement is met by a customer notification that includes a Natural Gas Safety Flyer that is sent to a new customer within 90 days of signing up for gas service.</i>		
<b>TEST REQUIREMENTS</b>		<b>Status</b>
[192.517(a)][192.505,192.507,192.511(c)]	Are pressure test records being maintained for piping operating above 100 psig?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff reviewed the pressure test performed at a farm tap at 6 Naples Lane in Naples where piping was replaced on the high side due to external corrosion and was operating above 100 psig. Test was performed and documented as required.</i>		
[192.517(b)][192.511,192.509,192.513]	Are pressure test records being maintained for at least 5	<b>Satisfactory</b>

# STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

	years on piping operating below 100 psig?	
<b>General Comment:</b> Pressure test records are maintained for the life of the system.		
[192.603(b)][192.725]	Were service lines temporarily disconnected from the main properly tested prior to reconnection?	<b>Satisfactory</b>
<b>General Comment:</b> A review of services in 2013-2014 where they were temporarily disconnected from their supply determined they were tested as required before restoring gas service and were properly documented.		
<b>UPRATING</b>		<b>Status</b>
<b>Category Comment:</b> No uprating was performed in the Jacksonville System in 2013-2014.		
[192.555][192.555]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of 30% or more SMYS?	<b>Not Applicable</b>
[192.557][192.557]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of less than 30% SMYS?	<b>Not Applicable</b>
<b>OPERATIONS</b>		<b>Status</b>
[192.603(b)][192.605(a)]	Has the operator conducted a review of the Operations and Maintenance Manual once per yr/15 months?	<b>Not Checked</b>
<b>General Comment:</b> This is reviewed during the Pawnee Training Center Audit and was not reviewed as part of this audit. This was last reviewed during the audit conducted at the Pawnee Training Center in 2014.		
Has the operator conducted a review of the Operator Qualification Plan once per yr/15 months?		<b>Not Checked</b>
<b>General Comment:</b> This is reviewed during the Ameren Training Center Audit and was not reviewed as part of the Jacksonville audit.		
[192.603(b)][192.605(b)(3)]	Are construction records, maps, and operating history available to operating personnel?	<b>Satisfactory</b>
<b>General Comment:</b> Maps are available through portable data terminals and operating history is available through their headquarters office. As built drawings are also retained in the local operating centers. Staff reviewed the as built drawing for the Bartlett Grain installation.		
[192.603(b)][192.605(b)(8)]	Has the operator periodically reviewed personnel's work to determine the effectiveness of normal O&M procedures when deficiencies are found?	<b>Satisfactory</b>
<b>General Comment:</b> Ameren utilizes both Supervisors and Quality Assurance Personnel to review work performed by company personnel. These reviews are documented. Staff reviewed Job Behavior Observation (JBO) forms completed by the Local Supervisor.		

# STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR

## RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

CONTINUING SURVEILLANCE RECORDS		Status
[192.603(b)][192.613(a)]	Has the operator reviewed continuing surveillance records for class location changes, failures, leak history, corrosion, changes in cathodic protection, and other unusual operating and maintenance conditions?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Class Location review are conducted by the Transmission Department at the Decatur Plaza and are reviewed during the transmission record audit. Review of patrols performed by the Jacksonville Service Area personnel indicate there is only one patrol on an exposed segment of main. This was the only critical main patrol in the service area and was inspected twice annually in 2013-2014. There were no changes in class location determined during completed patrols maintained in the Gas Compliance system and during continuing surveillance.</i>		
[192.491][192.489]	Does the operator have records verifying if exposed cast iron was examined for evidence of graphitization and if necessary what appropriate action was taken concerning graphitization?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>There is no cast iron in the Jacksonville Service Area.</i>		
[192.603(b)][192.755]	Does the operator have surveillance records of cast iron pipelines, including appropriate action resulting from tracking circumferential cracking failures, study of leak history, or any other unusual operating and maintenance conditions?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>There is no cast iron in the Jacksonville Service Area.</i>		
[192.603(b)][192.753(a)]	Is each cast iron caulked bell and spigot joint that is subject to a pressure of more than 25 (psig.) sealed as required?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>There is no cast iron in the Jacksonville Service Area.</i>		
[192.603(b)][192.753(b)]	Is each cast iron caulked bell and spigot joint that is subject to a pressure of 25 (psig.) or less and is exposed for any reason sealed as required?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>There is no cast iron in the Jacksonville Service Area.</i>		
DAMAGE PREVENTION RECORDS		Status
<b><u>Category Comment:</u></b> <i>The Damage prevention records are reviewed during a separate audit of the Ameren Damage Prevention Department performed in Pawnee, Illinois. They were last reviewed in February 2014.</i>		
[192.603(b)][191.11(a)]	Did the operator track the number of damages per 1000 locate requests for the previous years?	<b>Not Checked</b>

# STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Has the number of damages increased or decreased from prior year?		<b>Not Checked</b>
[192.603(b)][192.617]	Does the operator track records of accidents due to excavation damage to ensure causes of failures are addressed to minimize the recurrence?	<b>Not Checked</b>
[192.603(b)][192.614(c)(3)]	Does the operator provide documentation pertaining to notification of excavation, marking, positive response, and the availability and use of the one call system?	<b>Not Checked</b>
Does the operator have a Quality Assurance Program in place for monitoring the locating and marking of facilities?		<b>Not Checked</b>
Do pipeline operators include performance measures in facility locating contracts?		<b>Not Checked</b>
[IL ADM. CO.265.100(b)(1)]	Was third party damage to mains involving a release of gas reported to ICC JULIE Enforcement? <a href="http://www.icc.illinois.gov/julie/">http://www.icc.illinois.gov/julie/</a>	<b>Not Checked</b>
Has the Operator adopted applicable sections of the Common Ground Alliance Best Practices?		<b>Not Checked</b>
Were Common Ground Alliance Best Practices discussed with the Operator?		<b>Not Checked</b>
<b>EMERGENCY PLANS</b>		<b>Status</b>
[192.603(b)][192.615(b)(1)]	Are supervisors, responsible for emergency action, furnished copies of the latest edition of the Emergency Plan?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The Emergency plan is available to all personnel via mobile terminals and they are provided copies of the current edition of the plan that is reviewed as a group annually. The Jacksonville Service Area reviews were completed in January 2013 and January of 2014.</i>		
[192.603(b)][192.615(b)(2)]	Has the operator maintained documentation that the appropriate operating personnel have received training to assure they are knowledgeable of emergency procedures and that the training was effective?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Staff reviewed the rosters for January 2013-2014 for the Emergency Plan Reviews and determined all Jacksonville personnel attended the required training.</i>		
[192.603(b)][192.615(b)(3)]	Has the operator maintained documentation of employee activity reviews to determine whether the procedures were effectively followed in each emergency?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>No emergencies occurred in the Jacksonville Service Area that required a review to be completed.</i>		
[192.603(b)][192.615(c)]	Has the operator maintained documentation that the operator established and maintained liaison with appropriate fire, police and other public officials?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>This is reviewed during the Public Awareness Plan Audit conducted at the Ameren Training Center which was last conducted in February of 2014.</i>		

# STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

[192.603(b)][192.615(a)(3)]	Did the review of emergency response time intervals regarding odor/leak complaint documentation indicate adequate emergency response intervals were achieved?	<b>Satisfactory</b>
<b>General Comment:</b> <i>Review of annual spreadsheets for leak calls indicate there were no leak calls that exceeded 60 minutes in 2013-2014 in Division II.</i>		
<b>ODORIZATION OF GAS</b>		<b>Status</b>
[192.603(b)][192.625(f)]	Has the operator maintained documentation of odorant concentration level testing using an instrument?	<b>Satisfactory</b>
<b>General Comment:</b> <i>Review of odorant testing indicates the monthly tests were conducted as required and levels were readily detectable below 1/5 the lower explosive limit.</i>		
[192.603(b)][192.625(e)]	Has the operator maintained documentation of odorizer tank levels?	<b>Unsatisfactory</b>
<b>Issue Comment:</b> <i>Staff observed issues with the Alsey and Murrayville bypass odorizers which indicated lbs/MMCF levels above the maximum of 1.25 lbs as currently indicated in their O&amp;M Odorization procedures. During the review Staff observed levels being calculated up to 5 lbs/MMCF on these bypass odorizers. Review of monthly odorometer tests did not indicate high levels of odorization and there were no indications of increases in leak reports being received from their customers. The issues that Staff has is the odorometer tests utilized to determine if over odorization was present were not performed at the time the high levels of odorant usage was detected. Due to this, Staff is unable to determine if over odorization was actually taking place at the time it was detected. Staff suggests as part of the corrective action that should be taken when high odorization levels are detected, should include an odorometer survey to be performed at the time the high levels of odorant usage are detected to determine if over odorization is actually occurring or it is an issue with the level measurement device on the bypass odorizer. Ameren provided Staff with a revised O&amp;M procedure for odorization that will be released in January of 2016. This revision addresses this issue but is not currently an active procedure. The revised procedure requires initiation of an odorometer survey, making changes to the odorizer setting, flaring over odorized gas and perform increased inspections on the odorizer to view usage and possible detect intermittent issues using more frequent inspections.</i>		
[192.603(b)][192.625(f)(1)]	Are master meter operators receiving written verification of odorant concentration levels from their gas supplier?	<b>Not Applicable</b>
<b>General Comment:</b> <i>This requirement does not apply to this operator.</i>		
[192.603(b)][192.625(f)(2)]	Has the master meter operator maintained documentation of sniff tests performed as required by this section?	<b>Not Applicable</b>
<b>General Comment:</b> <i>This requirement does not apply to this operator.</i>		
<b>PATROLLING &amp; LEAKAGE SURVEY</b>		<b>Status</b>
[192.603(b)][192.721(b)(1)]	Is the operator patrolling business districts at a minimum of 4 per year/4 1/2 months?	<b>Not Applicable</b>
<b>General Comment:</b> <i>There is no main above ground in the business districts within the Jacksonville Service Territory.</i>		
[192.603(b)][192.721(b)(2)]	Is the operator patrolling outside business districts at a minimum of 2 per year/7 1/2 months?	<b>Satisfactory</b>

# STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b><u>General Comment:</u></b>		
<i>There is one segment of main in Jacksonville that is exposed and was inspected twice annually in 2013-2014.</i>		
[192.603(b)][192.723(b)(1)]	Is the operator performing leakage surveys in business districts at a minimum of 1 per year/ 15 months? If the operator has inside meter sets that meet this criterion then were those surveyed?	<b>Unsatisfactory</b>
<b><u>NOPV Comment:</u></b>		
<i>Due to a scale change in the Business District maps utilized in 2014 for Jacksonville, Illinois, there were two segments of main and service lines that were indicated and surveyed in 2013 that were not included on the 2014 maps utilized to conduct the business district leak surveys thus were not surveyed in 2014. The first location was at Chambers Street and S. Diamond and the second was a segment of main and one service line on Stevenson Drive North of Morton Avenue. Further review of these segments observed that they were included and leak surveyed during the 2015 Business District Survey.</i>		
[192.603(b)][192.723(b)(2)]	Is the operator performing leakage surveys outside a business district at a minimum of every 5 years/63 months? Is the operator performing leakage surveys on cathodically unprotected pipelines at a minimum of every 3 years/39 months? If the operator has inside meter sets that meet this criterion then were those surveyed? If the operator has yard lines then are those being surveyed?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Review of distribution leak surveys conducted outside of the business districts in 2013-2014 indicates the surveys were completed within the required intervals of 5 years/63 months.</i>		
<b>YARD LINES - RESIDENTIAL</b>		<b>Status</b>
[220 ILCS 2.2.03]	Has the operator designated and documented the location of all services where the meter is located more than 3 feet away from the wall of a residence?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Yard lines were surveyed on a three year interval in the Jacksonville Service Area. The surveys conducted in 2013 and 2014 were completed within the required intervals.</i>		
[192.463,220 ILCS 2.2.03][220 ILCS 2.2.03]	Has the operator determined if cathodic protection is required on these services?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>All yard lines are considered as unprotected and are surveyed on a three year interval.</i>		
[192.723(b)(1),192.723(b)(2)][220 ILCS 2.2.03]	After the determination of the cathodic protection requirements, has the operator surveyed each line within the required leakage survey intervals?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>All yard line surveys were completed as required in 2013-2014.</i>		
<b>ABANDONMENT or DEACTIVATION of FACILITIES PROCEDURES</b>		<b>Status</b>
[192.603(b)][192.727(b)]	Did the operator maintain documentation demonstrating that each pipeline abandoned in place was disconnected	<b>Satisfactory</b>

# STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

	from all sources and supplies of gas, and purged of gas?	
<b>General Comment:</b> <i>Review of service line and main abandonment documentation indicate they were abandoned as required in 2013-2014.</i>		
[192.603(b)][192.727(c)]	Did the operator maintain documentation demonstrating that each inactive pipeline that is not being maintained under this part was disconnected from all sources and supplies of gas; purged of gas?	<b>Satisfactory</b>
<b>General Comment:</b> <i>Review of system replacement documentation for 2013-2014 indicates that piping not being maintained was disconnected, purged of gas and was sealed to prevent migration.</i>		
[192.603(b)][192.727(d)]	Did the operator maintain documentation demonstrating that whenever service to a customer was discontinued access to gas was either; locked, prevented by a mechanical fitting, or disconnected from the gas supply and open pipe ends sealed?	<b>Satisfactory</b>
<b>General Comment:</b> <i>Review of leak customer complaint documentation indicates that when service to a customer was disconnected the valve is locked in the closed position. If the meter was removed the outlets are plugged.</i>		
[192.603(b)][192.727(e)]	Did the operator maintain documentation when air was used for purging that a combustible mixture was not present after purging?	<b>Satisfactory</b>
<b>General Comment:</b> <i>Review of new main installation documentation indicates the newly installed piping was purged of air using gas in a manner that prevented achieving a combustible mixture.</i>		
[192.727(g)][192.727(g)]	Did the operator maintain documentation for each abandoned onshore pipeline facility that crosses over, under or through a commercially navigable waterway?	<b>Not Applicable</b>
<b>General Comment:</b> <i>No piping was abandoned that crossed a navigable water way in 2013-2014 in the Jacksonville Service Area.</i>		
<b>PRESSURE LIMITING AND REGULATION</b>		<b>Status</b>
[192.603(b)][192.739(a)]	Is the operator inspecting and testing the pressure limiting and regulating stations at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b>General Comment:</b> <i>Review of the pressure regulating stations inspection documentation maintained in the Gas Compliance System (GCS) for the Jacksonville Service Area for 2013-2014, indicate the inspections were completed as required by this section.</i>		
[192.603(b)][192.743(a)]	Is the operator inspecting pressure limiting and regulating stations for adequate capacity at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b>General Comment:</b>		

# STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<i>Review of the pressure regulating station capacity reviews maintained in GCS indicates the calculations were completed as required in 2013-2014 for the Jacksonville Service Area and the capacities were indicated being adequate.</i>		
[192.603(b)][192.743(b)]	If the operator used calculations to determine sufficient capacity, were the calculation reviews documented at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Review of the pressure regulating station capacity reviews maintained in GCS indicates the calculations were completed as required in 2013-2014 for the Jacksonville Service Area.</i>		
[192.603(b)][192.741(a),192.741(b)]	Is each distribution system supplied by more than one district pressure regulating station, or where required by the operator on a system supplied by a single regulating station, equipped with telemetering or recording pressure gauges to indicate the gas pressure in the district?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Systems in the Jacksonville Service Area that have more than one feed or supply are monitored using electronic pressure recorders. These recorders are monitored by Gas Control and when alarms are received, Gas Control dispatches the local personnel to take corrective actions. This documentation is maintained by and reviewed during the Gas Control audit.</i>		
[192.603(b)][192.741(c)]	If there were indications of abnormally high- or low-pressure, were actions taken to correct any unsatisfactory operating conditions?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Review of corrective actions is performed during the Gas Control audit and was not checked during the Jacksonville Service Area audit.</i>		
[192.603(b)][192.743(a),192.743(b),192.195(b)(2)]	Is overpressure protection provided by the supplier pipeline downstream of the take point?	<b>No</b>
<b><u>General Comment:</u></b> <i>Ameren has initiated a program for installing overpressure protection at locations within the Jacksonville Service Area where the supplier does not provide overpressure protection. Ameren is either taking over the responsibility for pressure regulation or installing a relief device in these instances. Where reliefs have been installed, annual inspections were performed to ensure operation, confirm set point and confirm capacity. These inspections were recorded and reviewed by Staff in the GCS system for 2013-2014 and indicated they were completed as required.</i>		
[192.603(b)][192.743(a)]	If Yes, does the operator have documentation to verify that these devices have adequate capacity?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>There are no locations in the Jacksonville Service Area where they rely on the supplier for overpressure protection.</i>		
<b>VALVE MAINTENANCE</b>		<b>Status</b>
[192.603(b)][192.747(a),192.747(b)]	Did the operator inspect and maintain distribution valves necessary for the safe operation of the system at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Review of Emergency Valve inspections for 2013-2014 for the Jacksonville Service Area indicates they were inspected as required in 2013-2014.</i>		
[192.603(b)][192.749(a)]	Did the operator inspect and maintain vaults > 200 cubic feet at a minimum of 1 per year/15 months?	<b>Not Applicable</b>

# STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b><u>General Comment:</u></b>		
<i>There are no vaults meeting these requirements in the Jacksonville Service Area.</i>		
<b>Investigation Of Failures</b>		<b>Status</b>
[192.603(b)][192.617]	Did the operator experience accidents or failures requiring analysis?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>No failures occurred in 2013-2014 that required analysis.</i>		
<b>WELDING OF STEEL PIPE</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
<i>These records are maintained and reviewed during the Pawnee Training Center Audit which was last done in 2014.</i>		
[192.603(b)][192.225(b)]	Does the operator have documentation for their qualified welding procedure?	<b>Not Checked</b>
[192.603(b)][192.227, 192.229]	Does the operator have documentation of welder qualification as required?	<b>Not Checked</b>
[192.807]	Does the operator have documentation of welder OQ records?	<b>Not Checked</b>
[192.709][192.243(b)(2)]	Does the operator have documentation of NDT personnel qualification as required?	<b>Not Checked</b>
[192.709][192.243(f)]	Does the operator have documentation of NDT testing performed?	<b>Not Checked</b>
<b>JOINING OF MATERIAL OTHER THAN WELDING</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
<i>These records are maintained and reviewed during the Pawnee Training Center Audit which was last done in 2014.</i>		
[192.603(b)][192.285]	Are persons making joints with plastic pipe qualified?	<b>Not Checked</b>
[192.603(b)][192.287]	Are persons inspecting plastic pipe joints qualified?	<b>Not Checked</b>
[192.603(b)][192.283]	Are qualified joining procedures for plastic pipe in place?	<b>Not Checked</b>
<b>CORROSION CONTROL RECORDS</b>		<b>Status</b>
[192.491(a)][192.491(a)]	Has the operator maintained maps or records of cathodically protected piping, cathodic protection facilities, galvanic anodes, and neighboring structures bonded to the cathodic protection system?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The location of cathodically protected piping and the facilities associated with cathodic protection are recorded in their electronic mapping system that can be viewed by field personnel at any time.</i>		
[192.491][192.459]	Has the operator maintained documentation of an	<b>Satisfactory</b>

# STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

	examination when buried pipe was exposed?	
<b><u>General Comment:</u></b> <i>Review of buried piping inspections performed in 2013-2014 indicate inspections were performed when required and had the required fields completed.</i>		
[192.491][192.465(a)]	Has the operator maintained documentation of annual pipe-to-soil monitoring performed at a minimum of 1 per yr/15 months and/or isolated services or short sections of main less than 100 feet at a minimum of 10% annually?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Review of isolated main segments and isolated services maintained in GCS indicate they were inspected as required and were indicating potentials indicating a protected status in 2013-2014.</i>		
[192.491][192.465(b)]	Has the operator maintained documentation of rectifier or other impressed current power sources inspections at a minimum of 6 per year/ 2 1/2 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Review of rectifiers inspections performed in the Jacksonville Service Area indicate they were inspected as required in 2013-2014.</i>		
[192.491][192.465(c)]	Has the operator maintained documentation of each critical interference bond, reverse current switch, diode, etc. inspections at a minimum of 6 per year/ 2 1/2 months and/or non-critical interference bond inspections at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Review of critical bonds located in the Jacksonville Service Area indicate they were inspected as required in 2013-2014.</i>		
[192.491][192.465(d)]	Has the operator taken prompt remedial actions to correct any deficiencies indicated by the monitoring?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Review of low potentials identified in the Jacksonville Service Area had corrective actions taken to correct the deficiencies identified in 2013-2014.</i>		
[192.491][192.465(e)]	Has the operator maintained documentation of unprotected pipeline surveys, inspections, or tests at a minimum of 3 years/39 months?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>There is no unprotected piping owned and operated by Ameren Illinois in the Jacksonville Area Systems.</i>		
[192.491][192.467(a),192.467(c),192.467(d)]	Has the operator maintained documentation of inspections or tests for electrical isolation at casings?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Review of casing inspection testing conducted in 2013-2014 indicates electrical isolation is being maintained on the installations maintained in GCS.</i>		
[192.491][192.469]	Does the operator have a sufficient number of test stations or other contact points for electrical measurement to determine the adequacy of cathodic	<b>Satisfactory</b>

# STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

	protection?	
<b><u>General Comment:</u></b> <i>Review of the number of test points indicates an adequate number of test points are present on piping in the Jacksonville Service Area. These points were maintained in GCS up to November of 2014.</i>		
[192.491][192.471]	Has the operator maintained documentation of corrective actions taken when a test lead is no longer electrically conductive?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>No issues were identified with test leads in 2013-2014.</i>		
[192.491][192.473(b)]	Has the operator maintained documentation of inspections or tests to assure their cathodic protection system is not affecting adjacent underground metallic structures?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Rectifiers are inspected when installed to ensure they are not affecting neighboring facilities. If changes are made to the rectifier further evaluations are performed to ensure they are not affecting neighboring facilities. No changes were made to rectifiers settings that warranted evaluations to be conducted in 2013-2014 in the Jacksonville Service Area.</i>		
[192.491][192.475(a)]	Has the operator maintained documentation of investigations or steps taken to minimize internal corrosion due to transportation of corrosive gas?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>Ameren does not transport corrosive gas in the piping located in Jacksonville Service Area.</i>		
[192.491][192.475(b)]	Has the operator maintained documentation of internal surface inspections performed when pipe is removed for any reason?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Review of piping inspection documentation indicates they conducted internal corrosion inspection on piping removed in 2013-2014. No indications of internal corrosion were identified.</i>		
[192.491][192.477]	Has the operator maintained documentation of internal corrosion coupon monitoring at a minimum of 2 per year/ 7 1/2 months?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>Ameren does not transport corrosive gas in the piping located in Jacksonville Service Area. Due to this coupon testing is not conducted in the Jacksonville Service Area.</i>		
[192.491][192.481]	Has the operator maintained documentation of atmospheric corrosion control monitoring at a minimum of 1 per 3 years/ 39 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The atmospheric corrosion survey is conducted in conjunction with the leak survey which is performed on a 4 year interval per their waiver for Atmospheric corrosion survey. There were no issues identified where piping was replaced due to atmospheric corrosion in 2013-2014.</i>		

# STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

[192.491][192.479]	Has the operator maintained documentation of corrective action where atmospheric corrosion was discovered?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> Review of documentation of corrective actions where areas of issues with atmospheric corrosion or coating disbondment were identified during the leak surveys performed in 2013-2014, indicate these conditions were corrected as required.		
[192.491][192.483(a),192.483(b),192.483(c)]	Has the operator maintained documentation demonstrating that pipe removed due to external corrosion has been repaired or replaced with pipe that was coated and cathodically protected?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> No piping was removed due to external corrosion in the Jacksonville Service Area in 2013-2014.		
TRAINING - 83 IL ADM. CODE 520		Status
<b><u>Category Comment:</u></b> Training documentation was not reviewed during this audit. It is reviewed during the Operator Qualification audit performed at the Ameren Illinois Training Center located in Pawnee, Illinois.		
[520.10(a) (1)]	Has the operator maintained documentation demonstrating that personnel have received adequate training?	<b>Not Checked</b>
[520.10(a) (2)]	Do training records include verbal instruction and/or on the job training for each job classification?	<b>Not Checked</b>
[520.10(b)]	Has the municipal operator maintained documentation demonstrating that personnel have received adequate training?	<b>Not Checked</b>
[520.10(a)(5)]	Are procedures periodically updated to include new materials, new methods of operation and installation, and changes in general procedures?	<b>Not Checked</b>

# STANDARD INSPECTION REPORT OF A GAS DISTRIBUTION OPERATOR RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.